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Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	nber 42P16292	
First Named Inventor	Adrian P. Stephens	_
	COMPLETE IF KNOWN	_
Application Number	10/719,208	
Filing Date	November 20, 2003	_
Art Unit		_
Examiner Name		_

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRAINED DATA TRANSMISSION FOR COMMUNICAT	ION SYSTEMS
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR	
was filed on (if applicable):  or11/20/2003 as United States Application Number PCT International Application Number	10/719,208
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy   Attached?
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No

Th art of and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full Name:	Sur (First, Middle [if any], Family		and Suffix [if any])
Full Name:  Inventor's Signatur	(First, Middle [if any], Family		and Suffix [if any])
Inventor's Signatur	(First, Middle [if any], Famil) e	Name (or Surname), o	and Suffix [if any])
Inventor's Signatur	(First, Middle [if any], Famil)	Name (or Surname), a	and Suffix [if any])  (Country)
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Inventor's Signatur	(First, Middle [if any], Famil) e untain View, California USA (City, State, Country)	O Name (or Surname), o	
Inventor's Signatur Residence <u>Mou</u> Mailing Address	(First, Middle [if any], Family  e  untain View, California USA  (City, State, Country)  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA	Dame (or Surname), o	(Country)
Inventor's Signatur	(First, Middle [if any], Family  e  untain View, California USA  (City, State, Country)  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA	Dame (or Surname), o	(Country)
Inventor's Signatur Residence <u>Mod</u> Mailing Address	(First, Middle [if any], Family  e  Intain View, California USA  (City, State, Country)  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NVENTOR:  A petition has be	Date (or Surname), on Date  Citizenship  Citizenship	(Country) dersigned inventor
Inventor's Signatur Residence Mod Mailing Address  NAME OF FIFTH I	(First, Middle [if any], Family e untain View, California USA (City, State, Country) 2041 West El Camino Real, Apt. 106 Mountain View, California 94040 USA  NVENTOR: A petition has be	Date  Citizenship  een filed for this un	(Country) dersigned inventor
Inventor's Signatur Residence Mou Mailing Address  NAME OF FIFTH I	(First, Middle [if any], Family e untain View, California USA (City, State, Country) 2041 West El Camino Real, Apt. 106 Mountain View, California 94040 USA  NVENTOR: A petition has be	Date (or Surname), on Date  Citizenship  Citizenship	(Country) dersigned inventor
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Thein, Reg. No. 31,710, my patent attorney. I also appoint Alan K. Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Jay P. Beale, Reg. No. 50,901; Shireen I. Bacon, Reg. No. 40,494: R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert H. Chang, Reg. No. 48,765; George Chen, Reg. No. 50,807; Glen B. Chol, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert A. Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Larry Mennemeier, Reg. No. 51,003; Molly A. Mccall, Reg. No. 46,126; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Kathy J. Ortiz, Reg. No. 54,351; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,001; Keyn No. 36,381; Crysal D. Sayles, Reg. No. 44,318; Russell C. Scott, Reg. No. 43,103; Justin B. Scout, Reg. No. 54,431; Kenneth M. Seddon, Reg. No. Reg. No. 44,316; Russell C. Scott, Reg. No. 43,103; Justin B. Scott, Reg. No. 54,431; Refineth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Hom, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	nber 42P16292
First Named Inventor	Adrian P. Stephens
	COMPLETE IF KNOWN
Application Number	10/719,208
Filing Date	November 20, 2003
Art Unit	
Examiner Name	

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRAINED DATA TRANSMISSION FOR COMMUNICAT	ION SYSTEMS
(Title of the Invention)	
he specification of which	
is attached hereto.	
OR	
was filed on (if applicable):  or	10/719,208
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

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	oreign Application   Number(s)	Cou	ıntry	Foreign Filing Date (MM/DD/YYYY)		ority aimed	Certified Copy Attached?
						]	☐ Yes ☐ No
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						3	☐ Yes ☐ No
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Frademark	ation, to prosecute COffice connected orrespondence to:	e this applicated the thick the thic		transact all busin			dence address belo
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City	Los Angeles		State	California		Zip Code	90025
City	Los Angeles		<u> </u>	(503) 684-6200	_	Fax	(503) 684-3245
Country  hereby destatements were made	eclare that all state made on informate with the knowled	ation and be Ige that willf n, under 18	Telephone le herein of lief are beliul false staru.S.C. 100		nd furth ke so m Ilful fals	Fax rue and ter that the	(503) 684-3245 hat all ese statements punishable by
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(Country)

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Full Name:		can M. Kitchin	
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TOSIGETICE BE	averton, Oregon USA (City, State, Country)	Citizenship British	
Mailing Address	2465 N.W. 145th Avenue	(Count	לעמ
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-ull Name:	Su	meet Sandhu	
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Residence Mo	untain View, California USA	Citizenshlp	
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Malling Address	2041 West El Camino Real, Apt. 106	(55	,,
•	Mountain View, California 94040 USA	\	<del></del> -
IAME OF FIFTH	INVENTOR:	een filed for this undersigned invento	r
<del></del>	(First, Middle [if any], Famil	y Name (or Surname), and Suffix [if any])	
nventor's Signatui		Date	
Residence		Citizenship	
Mailing Address	(City , State, Country)	(Countr	או
ocket No. 42P1629	92		

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jason R. Graff, Reg. No. 54,134; Jeffery Scott Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little-Washington, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; Jon C. Reali, Reg. 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Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Jay P. Beale, Reg. No. 50,901; Shireen I. Bacon, Reg. No. 40,494: R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert H. Chang, Reg. No. 48,765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert A. Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Larry Mennemeier, Reg. No. 51,003; Molly A. Mccall, Reg. No. 46,126; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Kathy J. Ortiz, Reg. 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No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	ber 42P16292		
First Named Inventor	Adrian P. Stephens		
COMPLETE IF KNOWN			
Application Number	10/719,208		
Filing Date	November 20, 2003		
Art Unit			
Examiner Name			

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRAINED DATA TRANSMISSION FOR COMMUNICAT	TON SYSTEMS
(Title of the Invention)	
ne specification of which  is attached hereto.	
OR  ☑ was filed on (if applicable):  or	10/719,208
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by ine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may expandize the validity of the application or any patent issued thereon.  IAME OF SOLE OR FIRST INVENTOR:   A petition has been filed for this undersigned inventor will Name:  Adrian P. Stephens  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])	Prior For	eign Application umber(s)	Count	ıy	Foreign Filing Date (MM/DD/YYYY)		ority laimed	Certified Copy Attached?
Yes   No						[		☐ Yes ☐ No
hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a if this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and rademark Office connected herewith.  Direct all correspondence to:  Customer Number  O8791  or  Correspondence address  Osmale  Osma							3	☐Yes ☐ No
hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a finis document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and rademark Office connected herewith.    Direct all correspondence to:							_	☐ Yes ☐ No
nereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a fithis document) as my respective patent attorneys and patent agents, with full power of substitution dorevocation, to prosecute this application and to transact all business in the U.S. Patent and rademark Office connected herewith.  Direct all correspondence to:    Customer Number   08791   or						ĺ	3	☐ Yes ☐ No
If this document) as my respective patent attorneys and patent agents, with full power of substitution of revocation, to prosecute this application and to transact all business in the U.S. Patent and rademark Office connected herewith.    Direct all correspondence to:						{	)	☐ Yes ☐ No
Blakely, Sokoloff, Taylor & Zafman LLP  Address 12400 Wilshire Boulevard, 7th Floor  City Los Angeles State California Zip Code 90025  Country Telephone (503) 684-6200 Fax (503) 684-32  thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements ere made with the knowledge that willful false statements and the like so made are punishable by the or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may copardize the validity of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR: A petition has been filed for this undersigned inventor all Name:  Adrian P. Stephens  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])	irect all com			Number	08791	or 🔲	Correspon	dence address be
City Los Angeles State California Zip Code 90025  Country Telephone (503) 684-6200 Fax (503) 684-32  Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by the or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may expandize the validity of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR: A petition has been filed for this undersigned inventor and the like so made are punishable by the control of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR: A petition has been filed for this undersigned inventor and the like so made are punishable by the control of the application or any patent issued thereon.		Blakely, Sokoloff	, Taylor & Zafi	nan LLP				
Telephone (503) 684-6200  Fax (503) 684-32  thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by ne or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may expandize the validity of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR:  Adrian P. Stephens  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])	Address 1	2400 Wilshire B	oulevard, 7th F	loor				
hereby declare that all statements made herein of my own knowledge are true and that all tatements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by ne or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may expandize the validity of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR:   A petition has been filed for this undersigned inventor and Name:  Adrian P. Stephens  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])	City I	Los Angeles		State	California		Zip Code	90025
tatements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by the or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may copardize the validity of the application or any patent issued thereon.  AME OF SOLE OR FIRST INVENTOR: A petition has been filed for this undersigned inventor and like an	Country		Т	elephone	(503) 684-6200		Fax	(503) 684-324
ull Name:  Adrian P. Stephens  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])	tatements n /ere made v ne or impris	nade on informa vith the knowled conment, or both	ation and belie lge that willful n, under 18 U.:	f are beli false stat S.C. 100	eved to be true; and tements and the lift and that such wi	nd furth ke so m Ilful fals	er that the	ese statements ounishable by
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])	AME OF S	OLE OR FIRST	INVENTOR:	□Аре	tition has been file	ed for th	nis unders	signed inventor
	ull Name:							
ventor's Signature Date	ventor's Sig	gnature	(First, Middle	[if any], I	amily Name (or Surn Date	-	d Suffix [if	any])

Mailing Address

(Country)

(City, State, Country)

Cambridge, CB4 8TA United Kingdom

64 Lamb's Lane, Cottenham

	ic A. Jacobsen ily Name (or Surname), and Suffix [if any])
<i>(רורst, Miaale [tj any], רמווו</i> Inventor's Signature	Date
Residence Scottsdale, Arizona USA	Citizenship USA
(City, State, Country)	(Country)
Mailing Address 10539 E. Salt Bush Drive	
Scottsdale, Arizona 85255 USA	
NAME OF THIRD INVENTOR:   A petition has beginning.	peen filed for this undersigned inventor
Full Name: Dun	can M. Kitchin
[Hirst, Middle [if any], Fami	ly Name (or Surname), and Suffix [if any])
Inventor's Signature	Date 3/16/04
Residence Beaverton, Oregon USA	Citizenship British
(City, State, Country)	(Country)
Mailing Address 2465 N.W. 145th Avenue	
Beaverton, Oregon 97006 USA	
NAME OF FOURTH INVENTOR:	peen filed for this undersigned inventor
Full Name: Su	meet Sandhu
Full Name: Su	-
Full Name: Su	meet Sandhu
Full Name: Su  (First, Middle [if any], Fami Inventor's Signature	meet Sandhu ly Name (or Surname), and Suffix [if any]) Date
Full Name:  (First, Middle [if any], Fami Inventor's Signature  Residence Mountain View, California USA	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship
Full Name:  Su  (First, Middle [if any], Fami Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)	meet Sandhu ly Name (or Surname), and Suffix [if any]) Date
Full Name:  Su  (First, Middle [if any], Famil Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address 2041 West El Camino Real, Apt. 106	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  Su  (First, Middle [if any], Fami Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  Su  (First, Middle [if any], Fami Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  Su  (First, Middle [if any], Famil  Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  A petition has be	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  Su  (First, Middle [if any], Famil Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  A petition has be	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  A  Deen filed for this undersigned inventor
Full Name:  Su  (First, Middle [if any], Famil Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  A petition has be	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  Su  (First, Middle [if any], Fami Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  A petition has been been been been been been been bee	nmeet Sandhu  ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  A  Deen filed for this undersigned inventor  Iy Name (or Surname), and Suffix [if any])  Date  Citizenship
Full Name:  (First, Middle [if any], Familian Inventor's Signature  Residence  Mountain View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  A petition has be considered in the property of the p	nmeet Sandhu  ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  A  Deen filed for this undersigned inventor  ly Name (or Surname), and Suffix [if any])  Date
Full Name:  (First, Middle [if any], Familian View, California USA  (City, State, Country)  Mailing Address  2041 West El Camino Real, Apt. 106  Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  (First, Middle [if any], Familian View Signature  Residence	nmeet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  A  Deen filed for this undersigned inventor  Iy Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)
Full Name:  (First, Middle [if any], Family Name of Figure 1  Residence Mountain View, California USA (City, State, Country)  Mailing Address 2041 West El Camino Real, Apt. 106 Mountain View, California 94040 USA  NAME OF FIFTH INVENTOR:  (First, Middle [if any], Family Name:  (City, State, Country)  Mailing Address	meet Sandhu ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  A  Deen filed for this undersigned inventor  Ly Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jason R. Graff, Reg. 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No. 54,391; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Chze Koon Chua, 53,831; Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800; and James R. Thein, Reg. No. 31,710, my patent attorney. I also appoint Alan K. 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No. 54,351; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Russell C. Scott, Reg. No. 43,103; Justin B. Scout, Reg. No. 54,431; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert G. Winkle, Reg. No. 37,474; Šharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after initial
Filling (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Nur	nber 42P16292
First Named Inventor	Adrian P. Stephens
	COMPLETE IF KNOWN
Application Number	10/719,208
Filing Date	November 20, 2003
Art Unit	
Examiner Name	

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRAINED DATA TRANSMISSION FOR COMMUNICAT	ION SYSTEMS
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR	
was filed on (if applicable):  or as United States Application Number  PCT International Application Number	10/719,208
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

Docket No. 42P16292

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

D	<u>Foreign</u>	A PI	_4" #. 4
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	. OI GIMII		-011011137

Prior Foreign Application Number(s)	Соцпіту	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐Yes ☐ No
				☐Yes ☐ No
				☐ Yes ☐ No
				☐Yes ☐ No
				Yes No

Direct all correspondence to: ☑. Customer Number 08791 or Correspondence address below Name Blakely, Sokoloff, Taylor & Zafman LLP Address 12400 Wilshire Boulevard, 7th Floor City Los Angeles State California Zlp Code 90025 Country Telephone (503) 684-6200 Fax (503) 684-3245

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR: A petition h	as been filed for	this undersigned Inventor
Full Name:		P. Stephens	
	(First, Middle [if any], Family N	ame (or Surname), a	nd Suffix (if anyl)
Inventor's Signat		Date	
Residence Ca	ambridge, United Kingdom	Citizenship	British
-	(City, State, Country)	<b>-</b> '	(Country)
Mailing Address	64 Lamb's Lane, Cottenham		(
	Cambridge, CB4 8TA United Kingdom		

Docket No. 42P16292

NAME OF FIFTH INVENTOR:    A petition has been filed for this undersigned inventor	Full Name:		Jacobsen	
Residence Scottsdale, Arizona USA  (Ctty, State, Country)  Mailing Address  10539 B. Salt Bush Drive Scottsdale, Arizona 85255 USA  NAME OF THIRD INVENTOR:		(First, Middle [if any], Family N	ome (or Surname), o	and Suffix (if any))
Country   Country   Country   Country	Inventor's Signat	ture	_ Date	
Mailing Address  10539 R. Salt Bush Drive Scottsdale, Arizona 85255 USA  NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor  Full Name: Duncan M. Kitehin  (First, Middle [if any), Family Name (or Surname), and Suffix [if any])  Inventor's Signature Detts  Residence Beaverton, Oregon USA Citizenship British  (City. State, Country)  Adding Address  2465 N.W. 145th Avenue  Beaverton, Oregon 97006 USA  LAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor  Full Name: Sumeet Sandhu  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  And TOSE  And TOSE  And TOSE  Meanstain Views Clarifornia USA  (Country)  Italling Address  2041 Sure Country)  AND TOSE  (Country)  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  San TOSE  Meanstain Views Clarifornia USA  (Country)  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  UII Name:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  UII Name:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Date  Citizenship  (Country)  Country)  Country)  Country)	Residence Se	cottsdale, Arizona USA	Citizenshin	TIÇA
Mailing Address   10539 E. Salt Bush Drive   Scottsdale, Arizona 85255 USA			_	
Scottsdale, Arizona 85255 USA    AME OF THIRD INVENTOR:	Mailing Address			(Country)
Tull Name:    Duncan M. Kitchin   (First, Middle [if any), Family Name (or Surname), and Suffix [if any])   Date		Scottsdale, Arizona 85255 USA		
Full Name:    Duncan M. Kitchin	NAME OF THIRI	D INVENTOR: A petition has been	o filed for this und	dersigned inventor
(First, Middle [if any], Family Name (or Surmame), and Suffix [if any])  Date  Residence Beaverton, Oregon USA Citizenship British (City, State, Country) (Country)  Mailing Address 2465 N.W. 145th Avenue Beaverton, Oregon 97006 USA  LAME OF FOURTH INVENTOR: A petition has been filed for this undersigned Inventor  First, Middle fif any], Panylly Name (or Surmams), and Suffix [if any]),  Date 12/10/03  Lesidence Citizenship USA Citizenship USA (City, State, Country)  Italling Address 2041 West El Camino Kest, Apr. 108  SAN JOSE (Country)  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  Women Adam, California USA SAN JOSE, CA 9.51344  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  Ull Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Ventor's Signature Date  Citizenship  Country)  Country)				aciogno invento
Residence Beaverton, Oregon USA Citizenship British  (City . State, Country)  (City . State, Country)  (Country)				and Order (if and)
(City, State, Country)  (Country)  Atailing Address  2465 N.W. 145th Avenue Beaverton, Oregon 97006 USA  IAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor  uil Name: Sumeet Sandhu  (First, Middlefti any), Family Name (or Surname), and Suffix [if any])  petition 'S Signature Address' California USA  (City, State, Country)  (Country)  (Country)  (Country)  (Country)  (Country)  (Country)  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  uil Name:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  ventor's Signature  (City, State, Country)  (Country)  (Country)  (Country)  (Country)  (Country)  (Country)	nventor's Signat		_	ina sujja (ij anyj)
Address 2465 N.W. 145th Avenue Beaverton, Oregon 97006 USA  IAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor  Uil Name: Sumeet Sandhu  (First, Middle/Iif any), Pantly Name (or Surnams), and Suffix (If any))  Date 12/10/03  Desidence (City, State, Country)  (Country)  (Country)  (Country)  (AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  (First, Middle [If any], Family Name (or Surname), and Suffix [If any])  Ventor's Signature Date  (First, Middle [If any], Family Name (or Surname), and Suffix [If any])  Ventor's Signature Date  (City, State, Country)  (Country)  (Country)  (Country)  (Country)  (Country)	Residence Be		Citizenship	British .
Beaverton, Oregon 97006 USA  IAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor  full Name: Sumeet Sandhu  (First, Middle/(if any), Family Name (or Surname), and Suffix (if any))  Date 12/10/03  Date 12/10/03  Desidence (City, State, Country)  (Country)  (Country)  (Country)  AME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor  Ull Name:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Ventor's Signature  (City, State, Country)  (Country)		(City . State, Country)	•	
AME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor    Application   App	failing Address	2465 N.W. 145th Avenue		•
Sumeet Sandhu  (First, Middleglif any), Panuly Name (or Surname), and Suffix [if any])  nventor's Signature  SAN JOE  Residence  (City, State, Country)  Italling Address  Moundain View, California USA  (City, State, Country)  Italling Address  AME OF FIFTH INVENTOR:  A petition has been filed for this undersigned inventor  Ull Name:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Ventor's Signature  Date  (City, State, Country)  (Country)  (Country)  (Country)  (Country)  (Country)  (Country)		Beaverton, Oregon 97006 USA	<u> </u>	
(First, Middle [if any], Panily Name (or Surname), and Suffix [if any])  Note	NAME OF FOUR	TH INVENTOR:	ı filed for this und	dersigned Inventor
Date 12/10/03  Description of the session of the se				dersigned Inventor
AME OF FIFTH INVENTOR:  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  (City, State, Country)  (Country)		Sumee	t Sandhu	
(City, State, Country)  (Country)	full Name:	Sumee (First, Middley[if any], Panyly Na	t Sandhu ime (or Surname), a	
(City, State, Country)  (Country)	Full Name:	Sumee (First, Middley[if any], Pantly Na	t Sandhu ime (or Surname), a	
AME OF FIFTH INVENTOR:  [A petition has been filed for this undersigned inventor will Name:  [First, Middle [if any], Family Name (or Surname), and Suffix [if any])  ventor's Signature  [City, State, Country]  [Country]	full Name: iventor's Signati	Sumee (First, Middley[if any], Pantly Na	t Sandhu uns (or Surnams), a Date	
AME OF FIFTH INVENTOR:  Apetition has been filed for this undersigned inventor  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Iventor's Signature  Citizenship  (City, State, Country)  (Country)	full Name: nventor's Signatt	Sumee  (First, Middley[if any], Panylly Na  SAN JOSE  SA	t Sandhu uns (or Surnams), a Date	nd Suffix [if any]) 12/10/03 USA
AME OF FIFTH INVENTOR:  A petition has been filed for this undersigned inventor  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  ventor's Signature  Date  (City, State, Country)  (Country)	rull Name:  nventor's Signatu  desidence	Sumee  (First, Middley[if any], Panyly Na  ITE SAN JOSE  SAN JOSE  SAN JOSE  SAN JOSE  (City, State, Country)	t Sandhu une (or Surname), a Date Citizenship	nd Suffix [if any]) 12/10/03  USA (Country)
Ventor's Signature  Citizenship  (City, State, Country)  (First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Date  (City, State, Country)  (Country)	rull Name:  nventor's Signatu  desidence	Sumee  (First, Middle fif any), Pantly Na  AN JOSE  MAN	t Sandhu uns (or Surnams), a Date Citizenship 25 R10	nd Suffix [if any]) 12/10/03 USA (Country) ROBLES EAST, #4
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])  Iventor's Signature Date  esidence Cltizenship (Country)	rull Name:  nventor's Signatu  tesidence	Sumee  (First, Middle fif any), Pantly Na  AN JOSE  MAN	t Sandhu uns (or Surnams), a Date Citizenship 25 R10	nd Suffix [if any]) 12/10/03 USA (Country) ROBLES EAST, #4
ventor's Signature Date  esidence Cltizenship (Country) (Country)	Full Name:  Inventor's Signatures Address  Solution Address	Sumee  (First, Middler fif any), Panthy Na  AN JOSE  Mathin View, California USA  (City, State, Country)  2041 Vest El Camino Real, Apr. 105  Mountain View, California 94040 USA	t Sandhu une (or Surname), a Date Citizenship 25 RIO	nd Suffix [if any])  12/10/03  USA (Country)  ROBLES EAST, #40  JOSE, CA 95134
esidence Cltizenship (City, State, Country) (Country)	ull Name:  Iventor's Signaturesidence  Salling Address  SS	Sumee  (First, Middley[if any], Panyly Na  INVENTOR:  Sandaia View, California USA  (City, State, Country)  2041 West El Caming Real, Apr. 105  Mountain View, California 94040 USA  [INVENTOR: A petition has been	t Sandhu  time (or Surname), a  Date  Citizenship  25 RJO  SAN	Ind Suffix (if anyl)  12/10/03  USA  (Country)  ROBLES EAST, #40  SOSE, CA 95134  lersigned inventor
(City, State, Country) (Country)	rull Name:  riventor's Signaturesidence  residence  ralling Address  S.S.  AME OF FIFTH  rill Name:	Sumee  (First, Middle [if any], Family Na  (First, Middle [if any], Family Na  (First, Middle [if any], Family Na	t Sandhu  time (or Surname), a  Date  Citizenship  25 RJO  SAN	Ind Suffix (if anyl)  12/10/03  USA  (Country)  ROBLES EAST, #40  SOSE, CA 95134  lersigned inventor
(+====//	Full Name:  Inventor's Signaturesidence  Italiang Address  SAME OF FIFTH  Lill Name:	Sumee  (First, Middle [if any], Family Na  (First, Middle [if any], Family Na  (First, Middle [if any], Family Na	t Sandhu  Ime (or Surname), a  Date  Citizenship  25 R10  SAN  filled for this und	Ind Suffix (if anyl)  12/10/03  USA  (Country)  ROBLES EAST, #40  SOSE, CA 95134  lersigned inventor
	iuli Name:  nventor's Signatu lesidence  lailing Address  AME OF FIFTH  ull Name:  ventor's Signatu	Sumee  (First, Middle fif any), Panily Na  SAN JOSE  (City, State, Country)  2041 West El Camina Real, Apr. 105  Mountain Jose, California 94040 USA  INVENTOR:  A petition has been  (First, Middle [if any], Family Na  re	t Sandhu  me (or Surname), a  Date  Citizenship  2.5 R 10  SAN  filed for this und	IZ/10/03  USA (Country)  ROBLES EAST, #40  STOSE, CA 95134  dersigned inventor
alling Address	rull Name:  riventor's Signaturesidence  AME OF FIFTH  Ill Name:  ventor's Signaturesidence	Sumee  (First, Middle fif any), Panily Na  SAN JOSE  (City, State, Country)  2041 West El Camina Real, Apr. 105  Mountain Jose, California 94040 USA  INVENTOR:  A petition has been  (First, Middle [if any], Family Na  re	t Sandhu  me (or Surname), a  Date  Citizenship  2.5 R 10  SAN  filed for this und	IZ/10/03  USA (Country)  ROBLES EAST, #40  STOSE, CA 95134  dersigned inventor
	ull Name:  esidence	Sumee  (First, Middle fif any), Panily Na  SAN JOSE  (City, State, Country)  2041 West El Camina Real, Apr. 105  Mountain Jose, California 94040 USA  INVENTOR:  A petition has been  (First, Middle [if any], Family Na  re	t Sandhu  me (or Surname), a  Date  Citizenship  2.5 R 10  SAN  filed for this und	IZ/10/03  USA (Country)  ROBLES EAST, #4  GOSE, CA 95134  dersigned inventor

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Bumett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Miml D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jason R. Graff, Reg. No. 54,134; Jeffery Scott Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little-Washington, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallle, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; Jon C. Reali, Reg. No. 54,391; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Torn, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chul-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Chze Koon Chua, 53,831; Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, with offices located at 12400 Witshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800; and James R. Thein, Reg. No. 31,710, my patent attorney. I also appoint Alan K. Aldous, Reg. No. 31,805; Rob D. Anderson, Reg. No. 33,826; Jay P. Beale, Reg. No. 50,901; Shireen I. Bacon, Reg. No. 40,494: R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert H. Chang, Reg. No. 48,765; George Chen, Reg. No. 50,807; Glen B. Chol, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert A. Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Larry Mennemeier, Reg. No. 51,003; Molly A. Mccall, Reg. No. 46,126; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,038; Kathy J. Ortiz, Reg. No. 54,351; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Russell C. Scott, Reg. No. 43,103; Justin B. Scout, Reg. No. 54,431; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,328; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,258; Michael Willardson, Reg. No. 50,858 and Charles K. Young, Reg. No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.